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5	LISTENING SESSION
6	BUREAU OF OCEAN ENERGY MANAGEMENT
7	and BUREAU OF SAFETY AND ENVIRONMENTAL ENFORCEMENT
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9	Anchorage, Alaska
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11	Taken June 7, 2013 Commencing at 12:15 a.m.
12	Volume I - Pages 1 - 56, inclusive
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14	Taken at
15	Barrow City Assembly Chambers Barrow, Alaska
16	Ballow, Alaska
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21	Reported by:
22	Mary A. Vavrik, RMR
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P-R-O-C-E-E-D-I-N-G-S

MR. MICHAEL HALLER: Okay, ladies and gentlemen, thank you very much for -- thank you very much for joining us today. And I want to say a special thank you to KBRW and KOTZ, who are both simulcasting our meeting this afternoon from 12:00 until 2:00. So for those of you joining us here in the City of Barrow's Assembly chambers, we appreciate you being here. We are very grateful for that.

And before we go any further, I will take a moment to introduce myself. My name is Michael Haller. I am the tribal and community liaison for the Bureau of Ocean Energy Management here for the Alaska Region. And I want to introduce former Mayor Itta, who will offer an invocation for us.

(Invocation offered by Edward Itta.)

MR. MICHAEL HALLER: Thank you very much. In the interest of the fact that we have folks who are listening in on the radio in both Barrow and Kotzebue and in the regions around each city, we ask for those that will speak, if you come up and use the microphone here at the table before you are called upon.

But before we move to that, let me first introduce several people here at the table. I want to introduce, first of all, Assistant Secretary of the

Interior, Tommy Beaudreau. I also want to introduce our senior federal officer for the State of Alaska for the Department of Interior, Pat Pourchot; the Bureau of Safety and Environmental Enforcement director for the region, Mark Fesmire; David Johnston, who is one of our BOEM officers; and my boss, Dr. James Kendall, for the Bureau of Ocean Energy Management.

Secretary Beaudreau.

MR. TOMMY BEAUDREAU: Good afternoon.

My name is Tommy Beaudreau. I'm the Acting Assistant

Secretary for Land and Minerals at the Interior

Department. I'm also the director, national director of the Bureau of Ocean Energy Management, which is responsible for overseeing planning and leasing with respect to offshore oil and gas activity, including Shell's offshore operation in the Chukchi and the Beaufort last summer.

We work closely with our sister agency, the Bureau of Safety and Environmental Enforcement, which oversees and does inspections and oversees the safe operation of offshore oil and gas operations in federal waters, including in the Beaufort and the Chukchi Sea.

Thank you very much for joining us this afternoon. As you may know, we have a session here starting at noon. We are going to have another session

this evening. The reason we did that is to try to give as many people an opportunity to attend and participate in person as possible. And so some of you may be joining during a lunch hour, and we really appreciate that you are taking your valuable time to do that and participate with us. And I also want to thank folks who may be listening in on the phone or on in the radio, and thank everyone for that, as well.

Here is what I'd like to do. I will give a bit of a description and some context to why we're here and what we would like to talk about. I would like to spend the bulk of our time, however, doing what I came up to do, which is to really listen to you and to get your thoughts and comments and perspectives on the issues in front of all of us.

And first, we have a court reporter here who is taking notes for us so that we can capture all of the comments and thoughts that we hear so that we can go back in the future and look at them. And so I appreciate everybody sort of enduring that part of the process and coming up and giving your name and speaking into the microphone so that we can take down what you say because, after all, that is the point here, which is to hear what you have to say, to remember it, and to have it inform our thinking going forward.

But I also hope this could be a pretty informal process. I know it can be intimidating. You have like a wall of people from the federal government, some of us from Washington, D.C. here, and I hope once you get sort of used to us, that we can just have kind of a conversation and that it doesn't have to feel so formal.

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Here is what we came to talk about. As everyone here experienced last summer, Shell drilled -- or started two wells, one in the Beaufort Sea and one in the Chukchi Sea last summer. And as everyone here knows, Shell was not allowed -- we did not allow Shell to drill into oil. And the reason we didn't allow that is because Shell was unable to bring a containment system -- an operable containment system into the Arctic. We required -- Shell committed to having that system and we required that system because we felt it was extremely important for Shell to be able to respond quickly to contain any sort of loss of well control if that were to happen, and to contain the well at the source. Shell wasn't able to bring that system on line, and so they did not get to drill into hydrocarbon. They started two wells, just drilled into rock, but did not -- we did not allow them to go into oil and create any risk that that containment system was designed to mitigate.

And as everyone knows, Shell experienced other

problems during the course of their experience last year, including losing a tow and the grounding of the Kulluk drill ship, which was the drill ship that worked in the Beaufort over the 2012 season.

All of that, that experience and the problems

Shell encountered, led us to do a review. I was ordered

by former Secretary Salazar to prepare a review of Shell's

2012 operation and to look into the reason -- some of the

reasons why Shell experienced those problems and what

lessons we could learn from that experience.

The findings and recommendations coming out of that review are summarized in one of the charts on the wall here. There were five recommendations specifically for industry, and then two were really directed at ourselves.

Just quickly, the first recommendation or observation that came out of Shell's experience was that all phases of an Arctic program, including preparation, drilling, maritime and engine response operations, have to be integrated and subject to strong operator management and government oversight. And second -- and this is a related point -- Arctic offshore operations must be well planned and ready, fully ready and have clear objectives in advance of the drilling season.

This was part of the disappointment, our

disappointment in Shell's performance last year. They were supposed to have that containment system on line in advance of the drilling season. A company with Shell's reputation, with Shell's resources, one of the biggest companies in the world, it was shocking and disappointing to us that they were unable to have that system on line and everything ready to go and buttoned down and ready to go at the beginning of the drilling season. And it's for that reason that we did not allow them to drill into oil or to make a discovery.

But going forward, this was one of the observations we had. You have to have an operation buttoned down and ready to go in advance of the drilling season.

Third, operators must maintain strong direct management and oversight of their contractors. This was one of the problems, fundamental problems that Shell encountered. Shell looked to contractors to do things like build that containment system. They thought they would go to the contractor, give specifications to the contractor, say this is what we want, and that they would get a functioning system back from the contractor. It turned out not to be that simple for Shell, and they were disappointed by the performance of their contractors. And that's ultimately, however, Shell's responsibility, or any

company's responsibility is to maintain strong oversight of their contractors.

Fourth -- and everyone in this room understands and appreciates this point -- operators must understand and plan for the variability and challenges of Alaskan conditions. Working offshore in this state, whether it's in the Arctic or whether it's in the Gulf of Alaska, poses tremendous challenges. It is a difficult environment, and it's an unforgiving environment. And that's part of what Shell experienced during the Kulluk tow from the Aleutians and part of the difficulty that they encountered. And in order to work offshore Alaska, you need to work with people who understand this state, understand the working environment, and understand the risks and are able to handle those risks.

And then finally, respect for and coordination with local communities. This is an extremely important point and something I think all of you felt last year during Shell's operations. On the one hand, I think Shell did a number of very good and commendable things with respect to working with communities here last year. I think they worked very well with the AEWC. We had requirements around blackouts for drilling in the Beaufort during the whale migration. Shell respected those blackouts. I think they communicated pretty well with the

AEWC, and fulfilled and stuck to their commitments around respecting these subsistence whale hunts in the Beaufort.

And so I commend them for that, and I think that is an area where they performed quite well in many respects.

We have also heard, however, you know, when there was a lot of activity last summer, some of the impacts that had on local communities, especially here in Barrow in terms of housing, in terms of being able to get access to facilities. And so that's something that if you had a personal experience with that last summer I'd like to hear about so that we can learn from that and have it inform our planning going into any future seasons.

The last two broad observations and recommendations coming out of our review of Shell's program were really directed at us. First, continued strong coordination across government agencies is absolutely essential. One thing that happened in connection with Shell's anticipated program and review of Shell's 2012 program is the federal government, all of the Interior Department agencies -- NOAA, the U.S. Coast Guard, EPA and others really came together and tried to work in a coordinated fashion to hold Shell to high standards, but also not trip over ourselves, and also to present a unified face to Shell and to local communities. I know it can be frustrating and difficult sometimes when

sort of wave after wave of federal agencies comes into town, and we are trying to do a better job at that to really be on the same page as a federal family and work together. And that needs to be improved on and needs to be carried forward.

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Finally -- and this is really why we are here today. We made the observation that industry and government must develop an Arctic-specific model for offshore oil and gas exploration in Alaska. And that includes codifying and carrying forward specific standards tailored to working offshore Alaska. We imposed as conditions of the Shell exploration plans and oil spill response plans a number of Arctic-specific requirements, including the need to have that containment system on hand; the blackout period for the whaling season in the Beaufort; the shortened drilling season in the Chukchi to allow for over a month of open water spill response in the event of a late season spill; requiring prelaid boom around vessels anytime there was a transfer of fuel.

Fortunately, Shell -- and they should be commended for this. Shell effected thousands of gallons of fuel transfers during the last season, and none of it touched the water. And that was good performance on their part. At the same time, though, as a precaution, we required that they prelay any booms so that if fuel did

for that. That's not something, for example, we require in the Gulf of Mexico.

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So there were a number of standards and requirements like that that were tailored to work in the Beaufort and the Chukchi.

What we are endeavoring to do now is to codify, to put those standards into regulations that apply not only to Shell, but to any other operator who would work up here, including -- you know, everybody knows ConocoPhillips is out there, as well. Statoil is out there, as well. We want to put those standards into regulation. We want to do that in a prompt way. I would like to have proposed standards out for review and comment by the end of the year. In order to do that, we want to get early input into the types of issues we should be thinking about as we develop these standards. I've named a few that we have already thought about and used with respect to Shell's operation before. There may be others that you would like us to think about and consider and work through. And that's part of what we want to do here in an informal way, get early input that can help shape our thinking as we prepare those standards and write those rules.

We have met with -- we did a meeting in

Anchorage yesterday. We met with the AEWC, Harry Brower
and his folks this morning, to talk about Shell's -- their
experience with Shell and particular standards they may
have in mind. We have met with ICAS. We met with the
mayor's office. And we will be continuing our engagement
as we go on this.

And so let me just close this by saying how much I truly appreciate everybody joining us today, participating in our listening session. It takes a lot of courage to come here and meet with us and express your views. And I just want you to know how much I respect and admire your willingness to do this. So with that, I turn it over to, again, what I think is the most important part, which is hearing from you and listening to what you have to say. So thank you.

MR. MICHAEL HALLER: We have three people that have said that they would like to testify today, so in no particular order, Charles Hopson, if you could come forward to the table and offer your comments.

MR. JOHN HOPSON: Who?

MR. MICHAEL HALLER: Charles Hopson.

MR. CHARLES HOPSON: Good afternoon. My name is Charles Hopson. I'm a -- I'm a whaling captain, long life -- I've lived here all my life. I'm a hunter. I fish. I am the vice president for the Barrow Whaling

Captains' Association. And I have been an oil spill responder for over 20 years in the Arctic here. So what is happening out there I know very well. I'm one of the best of the best in oil spills. I have over 15, 20 years of experience in oil spill response in the Arctic. Over the 15 to 20 years I learned about oil spills and oil.

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I've never been to the water out there. Nobody has any equipment to be able to take me two miles out. Alaska Clean Seas has got the equipment, but they are capable of just going out there maybe 15, 20 miles. never had -- I'm one of the best. I -- I grew up oil responding, but I never been to the ocean. We never had equipment that is capable of going into the Chukchi or Beaufort Sea. We don't have the capability. government don't have no capabilities of doing these things. Yet your organization want to keep putting out leases out in the ocean when you don't have no money to maintain and guard the people that are out there in the This is not the wild west of the Arctic anymore. ocean. We have to maintain that thing. We have to maintain these people.

During the AEWC quarterly meeting this year, there was government agencies from Washington, D.C. and NOAA. We talked about the Arctic Ocean and the Chukchi and the Beaufort Sea and what the oil industry is doing.

Since the government agency and the Coast Guard were up here, I put out a request for 100 million dollars so I can equip my people with oil spill response equipment that will work. The people that are out there in the community don't have no equipment, so I requested 100 million dollars to at least buy them booms, boats. But the government ignored some of that. But the Coast Guard was very interested. I suppose they are looking for money.

I have a lot of comments I'd like to make. One of the topics that you -- well, let me go back to Shell's operation that everybody is talking about. You know, we let Shell operate out in the Chukchi and the Beaufort on the smaller -- on the drilling rig. Even though they were not allowed to go to the oil pockets out there, their oil spill response equipment was not here. It hasn't even been to the Arctic.

ever -- if anything happened, it's more toxic than the crude oil itself. The alcids and all that stuff that the animals like to eat, we never consider; yet we talk about crude oil. The equipment where the liquids are in these drilling ships are more toxic than the crude oil itself.

And we can't gather it with no boom or nothing.

One of the suggestions I'm going to make is if we are going to let Shell Oil or anybody drill in the

Arctic on a platform, I suppose the government can drill a platform out there right alongside those drilling ships and just use it for a station for living quarters. The oil spill response equipment can be sitting on this platform in case something happens to deploy right now. We don't have a port for these things or a safe harbor, but if we put it on a platform, at least we will have hope of cleaning up any spills.

We keep talking about the Arctic Ocean changing. We have an Arctic -- we have what you call a global weather center here, NARL. If the government is going to open up any more leasing in the Arctic, I recommend that you finish that building up there, talk to the Congress and NOAA and everything. We have the lab -- I think it's only a quarter -- quarter finished. It's going to cost us another 200 million to finish it. There's going to be living quarters and internet and stuff. And I recommend that you guys finish it. We finish that lab. I mean, it's us. You need to help us get money to finish that lab over there.

If Mr. Obama, the President, and everybody is interested in doing Arctic research, our recommendation is it be done here. This is the home of the Arctic. I hate to read a report that comes from Denver, this is what's

- 1 happening to the Arctic. And I don't agree with them.
- 2 Arctic research is done and funded by the industry itself.
- 3 These researchers are paid by the oil industry. And these
- 4 people doing Arctic research make their report look good
- 5 so the industry can be sold to the government.
- 7 educated people in oil spill response and equipment, but
- 8 no place to do oil spill response. And the equipment that

Anyway, okay. But we -- we have a lot of

- 9 are bought by Shell Oil and the government, it don't work.
- 10 Yet the government goes on and goes, we are going to do
- 11 this and do some more. Next time you sell the spill -- I
- 12 mean, the leases up here, we want part of that money to
- buy equipment; otherwise, I'm going to have to launch my
- 14 skin boat, which is more durable than any boat in the
- 15 world, you know.

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- And then we talked about safety on the
- 17 environment and everything like that. We have the best
- 18 knowledge. And the Eskimo has always been
- 19 environmentalist, keeping the Arctic Ocean clean. We have
- 20 the best of the best up here. Nothing to work with. One
- 21 of the things that I'm really disappointed is during the
- 22 1946 and to the '80s, the government drilled oil up here
- on the land. Those wells are leaking. I hate to see any
- 24 more leakage in the Arctic or in the ocean.
 - If this is going to be the policy of your

organization just to leave them running out there and do 1 these things, none of us [indiscernible] -- we need to 2 clean up that stuff first before we go out there. 3 Otherwise, we are going to be living in polluted land. 4 We 5

are going to be living in a polluted ocean and everything

like that. And we are lucky that some of these areas,

7 they leak, but they are contained in the land. We need to

stop before we get to the Arctic Ocean. If that thing

9 ever happened in the Arctic Ocean, we will be hurting.

I'm a whaling captain, and I try to whale out there. 10

Everybody talks about the global warming. Where is it? 11

I'm cold up there. 12

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Anyway, I have more that I want to say, but I'm going to let the others speak here. But I had to clean up explorations. Please don't forget about the hundred million dollars worth of equipment I want to buy my people. Make sure you put that on there. We need to finish that lab. Anyway, don't forget the whaling.

We do have -- we do have a problem coming up where, you know, that the Arctic will be full of boats and everything. We need more control. The other one I was looking at, what the pre-landing people had was some years ago when the fishing industry in the Gulf of Alaska got in trouble because of the foreign fishermen, we put that 200-mile limit in place down there. And it goes all the

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way up to here, I suppose. But the United States
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    government never agreed or signed that thing. And the
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    other Japanese and other fishermen that abide by the
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    200-mile limit, we can do the same thing up here. You
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    know, let there be control over -- you know, we can --
    Native Village of Barrow have that policy that can be put.
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    It's just like everybody else. It's just an honorary sort
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    of line, you know, with no enforcement, but we need to
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    have everybody recognize that if you are inside the
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    200-mile limit, you have to do these things if you want to
    drive your boat up here. Same thing. It really works.
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    The other countries honor it, but you are right, they
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    never signed that agreement. And the fishing industry is
    strong because of that because the other countries honor
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    that. But -- and we need to do that up here.
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              But I'm going to give other people a chance.
    Thank you.
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                    MR. MICHAEL HALLER: Thank you, sir.
                                                           Ιf
    we could hear from Mr. Tracey, sir.
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                    MR. BILL TRACEY, SR.:
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                                            Thank you.
    That's Bill Tracey, Sr., 40-plus-year resident of the
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    North Slope. I like to say that I was born in
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    Connecticut, but reborn in Point Lay. That's where my
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    wife and family are from. Of course, I'm working up on
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    the Slope out of Point Lay and now in Barrow.
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family, friends and associates in every community up here and throughout the state. By no means am I speaking for anybody other than myself, but my profession allows me to help with the life, safety and health of all my fellow citizens here in the North Slope as the fire chief director for the North Slope Borough. Also work with the Air Force, RAB committee helping with the restoration of DEW line sites and those sorts of things.

I've listened in on many meetings like this with the Coast Guard, with the North Slope Borough and other agencies throughout the state and from Washington. And I think one of the reasons I appreciate the fact that I could sit here and speak to you -- and I don't like to have my back to my constituents here -- but drilling or not drilling, there is impacts in both directions. And I appreciate you folks being here speaking to us, listening to us. And you are going to be in various parts of the state doing the same thing. We need to be heard and the results of you folks hearing us becomes law, if you will, and the guidance to industry. And at times they really need that guidance.

I'm concerned beyond our boundaries, both land and sea, because other nations are already in the oceans, if you will, drilling their way, exploring their way. A lot of them don't have the policies and the rules and the

regs that we are developing here and have here already.

And that's a concern. The ocean currents are such that any mishap that they have will also be included with that.

Climate change, for one; that's not just the United

States' problem; it's the world's problem. And so is the Arctic Ocean. Any mishaps here will be shared by the world.

are familiar with what's happening up here with wildlife, Point Lay has had the -- lately the walrus haul-outs. And my wife Marie and I actually got to spend whole days with the walruses. We put on our tan Carhartts and didn't use any aftershave that day. We kind of crawled up and made our way to where they were, and we did it in such a way that they weren't bothered by us, so we were able to set up our cameras and took pictures of them. And we are sharing those pictures with anybody that wants them so that there is no need for them to come up and disturb the walruses and cause a stampede, which unfortunately kills a lot of them, kills a lot of walruses. We are also a beluga community, and bowhead whaling has resurfaced in Point Lay.

And it's a sharing part of the world up here.

So anything we do in Point Lay we will share with any

community that wants to share with us. The same with --

you will find that in any community, especially the coastal communities that harvest whales and seals. They will share with folks in Anaktuvik Pass and others, folks that don't have the ocean in front of them. So it's very important to us.

Beyond that, my job as the fire director, I'm looking at impacts if offshore development does happen, and I'm -- I think of Wainwright right off the bat. They will become a very busy community. And I don't want to have to play catch-up in making sure that they have adequate resources to handle that impact, bigger clinics, bigger fire stations, bigger airports. There will be a lot of air traffic between Barrow, Anchorage, Fairbanks, Wainwright and other communities. We want to be ready for that.

So I'm glad things are going kind of slow and easy. We are being safe. We are being responsible. And I think because we are taking this time, we can achieve that balance that I think is on everybody's mind. There is a place for industry and there is a place for what's been happening up here for thousands of years. If we find that balance, I think we will be doing our part, anyway. There is always the accidents. There is always going to be injuries. But at least we are doing our part responsibly. And that's why I appreciate an opportunity

for you folks to be here and meet with us. And that's really the point I want to get across. Let's find that balance. Let's continue at the speed we are at. I think we will do all right.

Thank you.

MR. MICHAEL HALLER: Thank you very much, Chief Tracey. Appreciate it so much. Looking it the clock very quickly, and I know that the stations need some acknowledgment, so I just want to mention not only to the folks here in the room but on the air with us, KOTZ is live with us, as well as KBRW who is the host. So we have a simulcast going. I was trained earlier in my life in radio, so I know you have to give those station breaks once in a while.

I also want to mention for those joining us from Kotzebue, we had intended and tried to use some ultra modern technology to be able to have you call in to us. What I'm going to offer, because it's not quite working, is a work-around. It's also modern. You can text us. So I'm going to give you a number. You can text this number your message, and we will try and be responsive here also in an equally modern way. Here you go. (907) 301-9340. And if you happen to be in the room with us, you can use the microphone. Don't text me. I see you. No fair. Okay.

Anyway, with those few comments, one more time, (907) 301-9340. You can text and we will try and be responsive to your remarks, your question or statement, whatever it may be. You are welcome to do that.

We will continue until 2:00 with this session, and then we will readjourn later this afternoon at 5:00. And we are scheduled to go from 5 until 7:30. We realize for some it's date night, so we don't want to interfere with that. No matter where you are on the planet, Friday is date night, so there you go.

Right now, though, our next speaker here is Harry Brower with the Alaska Eskimo Whaling Commission. There you go.

MR. HARRY BROWER, JR.: Thank you, Tommy and Mike. For the record, Harry Brower, Jr., Vice Chair for the Alaska Eskimo Whaling Commission. I also am a hunter, born and raised here in Barrow, and currently registered with the Barrow Whaling Association as a whaling captain.

I have some concerns about how operations have been going. You know, my observations have me voice concerns and hear concerns from our constituents and our whaling associations, as well.

But through the Alaska Eskimo Whaling

Commission, we voice concerns in regards to the Beaufort

Sea activity in regard to the discharge from the activity that occurs from oil drilling and the operations itself. So in regards to the discharge, the AEWC has repeatedly asked that the oil industry implement zero discharge technologies in the nearshore Beaufort Sea. In the CAA, the Conflict Avoidance Agreement and in their notice of intent to EPA, Shell has agreed to zero discharge limitations that restrict the discharge of drilling fluids and cuttings, sanitary and gray water, ballast and bilge water at all times after the drilling of the 20-inch They have also agreed to move all their equipment casing. from Camden Bay during the fall hunt for Nuigsut and Kaktovik. This is also in regard to the Conflict Avoidance Agreement language that we use to communicate with the industry operators, specifically to Shell.

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And with that we are very happy to see that they have obliged us with that during last winter's -- last fall's activity. Even though we had a little situation that arose at a later time, we were able to communicate and continue with our whaling and Shell was able to continue with its operations. So we would like to acknowledge that we are communicating effectively and working on that Conflict Avoidance Agreement and meeting the community's needs.

EPA's general permit is much weaker. EPA's

general permit only prohibits the discharge of drilling fluids and cuttings during the fall hunt for Nuiqsut and Kaktovik. I kind of look back and, like I said, I have my own observations I'd like to include here in these situations. I'm obliged that Shell did meet its -- not requirements, but that Conflict Avoidance Agreement conditions that we imposed on them, but we also have Barrow as a whaling community, and it's downstream of this activity.

And I said my personal observations. I -- we did harvest whales. We were fortunate to do that. But there is -- the biggest movement of the whales during the migration were somewhat further offshore. So in my personal observations, I think there was somewhat of a deflection. Even though we did land some of the whales that we had for Barrow, we had distances we had to travel further than what where our normal hunting areas are.

So that's one observation I could share with you in terms of the comments we have, I have for the Alaska Eskimo Whaling Commission.

EPA's permits leave very important gaps in coverage. There are no protections in the permit for the fall bowhead whale hunt in Barrow or bowhead habitat in Harrison Bay. There is no requirement that companies move off site in Camden Bay during the fall hunt for Nuigsut

and Kaktovik. And there is no requirement for companies to use readily available technology to limit discharge at other times in the nearshore Beaufort Sea.

It is very simple. The zero discharge technologies agreed to by Shell should be implemented at all times by all companies in the nearshore Beaufort Sea. The AEWC requires that BOEM support this position by including zero discharge provisions in its exploration permit in the Beaufort Sea drilling.

A deferral area must be created for Cross Island. The AEWC and Nuiqsut have been requesting for a deferral area for Cross Island since the 1980s. As those who have visited Nuiqsut and Cross Island can see, the Cross Island hunt is critical for Nuiqsut's nutritional and cultural survival. The area surrounding Cross Island requires protection from permanent development that would give long-term stability to the bowhead whale migration through the area, from that area.

A collaborative, science- and traditional knowledge-based advisory group should be created to manage issues that arise related to exploration activities in Camden Bay and to advise on development decisions for that area.

So there is, again, concerns that have been voiced within the Camden Bay area, activity voiced by our

hunters from Nuiqsut, and they are wanting to see some research being done collaboratively using traditional knowledge in terms of their observations that could be shared with the research group to document that these are facts that they are providing to you as the managers or the industry operators that are willing to have activity in the Beaufort or in Camden Bay.

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The AEWC and Nuigsut and Kaktovik hunters propose to work with Shell and the North Slope Borough Department of Wildlife Management on the creation of a database of traditional knowledge and scientific research on the use of Camden Bay as a bowhead whale habitat and impacts to the bowhead whale migration from different development activities in that area. The proposal also includes the recommendation for the creation of hunter/scientist advisory body to work with developers and regulators on issues that might arise during exploration. Late season hunting in Kaktovik is one example that I can reference from what we experienced last fall during Shell's activities and delayed activities in Kaktovik during the hunt because of a situation in the community of an Elder passing. And Shell respected that. And they delayed their hunt a few days, which created some -- how can I say it? Created some tension, I guess, for the operators because of the timing that they were expecting

to conduct their activities.

The proposal also includes a recommendation for the creation of a hunter/scientist advisory body to work with developers and regulators on issues that might arise during this exploration. The TK database and advisory group also could serve as a -- serve to guide both future research and future decisions related to development in the Camden Bay region.

These are the comments from the Alaska Eskimo Whaling Commission. And I wanted to make sure I provided them to you during this listening session in the hope of -- being hopeful that there is something down the pike and see what changes occur. Thank you. Thank you all for coming here to Barrow to hear and listen to us, your federal agencies. AEWC really appreciates you coming here to the communities and hearing our concerns.

MR. MICHAEL HALLER: Thank you, Harry, very much. Former Mayor Itta, would you offer some remarks, sir?

MR. EDWARD ITTA: Kuyanaqpak. (Speaking in Inupiat.) And I welcome all of you up here. I wish you would have brought a little warmth. Anyway, I'm a hunter and a whaler, lifelong resident and growing older up here now. So in my -- as an Elder, I spoke before you as a citizen of the North Slope Borough, State of Alaska,

USA, tribal member, member of ASRC, and a member of our tribal communities up here. And I want to again say my greetings to all of our listening audience and thank everybody today who showed up and have spoken. And I'm glad you are going to have a second session this afternoon. And again, welcome, Tommy. Good to see you again. Pat, Jim, and everybody.

I want to start with your recommendations for industry, the fifth point there on respect for and coordination with local communities. And that was actually one of my last comments in my -- in my bullet points here. But I thought that was especially relevant, because we do want a voice. And I really appreciate the department, Tommy in particular, coming up and taking the time to come and listen to us as you prepare for more specific information to any operations that are going to be happening in the OCS offshore, both in the Chukchi and the Beaufort.

You know, since -- in respect to item 5, these are federal waters. We all know that. And yet our state, you know, is saying that they don't get enough say about these matters that are dealing with the federal authority. And I find it ironic that from the highest levels of the State of Alaska's administration that they are on one hand saying they don't get enough local input on the State

level from the Feds, and at the same time, in essence, they have shut us off, both the State administration and the legislature, in refusing to pass an Alaska coastal management plan. And I remind everybody that that was the only source really where any development for coastal communities, not only for oil and gas, was a place for local input.

So in that like -- I want to just interject here that since it's to do with OCS, that all inter-agency groups consider an advisory panel very similar to the Prince William Sound Advisory Council because as it is now we don't have any real opportunity to talk about coastal related development within the state of Alaska. And I'm just glad that the federal authorities are taking the time to come up and listen to our concerns, but I just wanted to go ahead and start off with that to remind everybody that we don't have a coastal zone management plan up here anymore. So I welcome your desire to listen to us.

I want to start off with what our commissioner for Barrow, the Alaska Eskimo Whaling Commission, Harry Brower, mentioned, and that is subsistence deferrals is what I'm going to call it. It's better known as exclusion areas within the upcoming lease sale from 2012 to '17. That I think that's an area that needs to be looked at further; in particular, areas to the west on the Chukchi

Lay on eastward. And also on the Beaufort Sea side, that Cross Island is an area also that should be considered for deferral, as well as serious information being developed for Camden Bay. And this is all in relation to our bowhead whale, which, as most of you know by now, is largely dependent on the bowhead whale, not only cultural but for sustenance. So I really would like to see more focus in those areas as you move forward.

The second part has to deal specifically with -with what's already been said, I think, that Arctic oil
spill response planning needs to be just that. Arctic.
And I heard you had a good session in Anchorage yesterday.
And I'm not going to go over all those points, but one of
the things that I have been concerned about, and it's to
do with the currents and that whatever oil spill modeling
is being done up here, that the trajectory modeling be
focused on where is this stuff going or going to go and
how fast and how far.

We as Inupiat hunters and whalers up here have always paid attention to the currents up here. We know on the Beaufort Sea side, we got the Beaufort gyre that goes clockwise, and on the Chukchi Sea side it goes counterclockwise from the Pacific going on up. So while I share concerns with my fellow Inupiags from the northwest

and also on down the coast, that we up here on the Slope stand to be devastated even more if we don't understand these trajectory models adequately, because I think everything is going to end up up here somewhere on our coast up in the north due to the currents. And that's a big part of why we have not had such a successful whaling season up near Barrow.

The Arctic well blowout source controls, I totally support the capping and containment systems, but those should be located in our region somewhere, not located somewhere and have to be towed up here. And the testing for those I believe should be done up here in the Arctic. And the -- the inspections that happen within BOEM and BSEE on the industry's operations in those areas, we want to have you share some of that information with us up here.

I think having seen the Noble Discoverer and the Kulluk and what happened, I think the Kulluk is more designed for the Arctic, but certainly the Noble Discoverer wasn't, and that there needs to be standards established of some sort for Arctic class type relief well operations and whatnot.

So the Arctic oil spill response and equipment and personnel, that is one issue that I still have a concern about in that we have capabilities up here within

the North Slope for some Arctic class type operators that have cleaned up oil spills and whatnot. I have not seen any specific Arctic training programs for that -- that personnel, much less seen the equipment that I believe is provided only by industry. So there must be some standards that can be put in place.

And I don't need to state, but I will, that all of us know there has never been proven yet a mechanism to clean up an oil spill in the Arctic. And that is why I continue to speak that there has to be a balance on that risk that's going to end up with us versus just going ahead with minimum standards.

I recognize and acknowledge that we are dependent on oil and gas up here. I think that's good. And I hope the operators have good luck out there, but I don't believe that they should be given full just a carte blanche thing and say go do it. There needs to be Arctic class standards to protect our way of life up here, and that is in both water quality and air quality. And that is where I'm coming from in this.

So the second part has to do with what you mentioned, Tommy, and that was seasonal drilling limits when oil spill response is not possible. I think it's prudent to have a one-month window, as you have said, in the Arctic in case of a late blowout, say in late

September, because very often the ice will form in October. And the blowout preventers, I think that's good, that two -- two of them, kind of redundancy and whatnot.

The last part of that is in the Arctic pollution prevention operating standards. Now, I know that there has been some changes in the air quality issue, but the water quality continues to be of concern up here in this light. I know we are just dealing with one main operator, but I'm thinking of cumulative effects here, that one permit per operation is given. If there was three, four, five, six, ten, each one will be given a permit, but yet there is no real comprehensive cumulative impact study or effects that I know of. And I think that needs to be taken into consideration.

The standards for operation -- operators to show us that they have some kind of Arctic expertise or understanding, especially the boat operators and whatnot, the ship operators, and some understanding of weather and what we are dealing with up here. I think Shell has learned a hard lesson. I don't think that's a secret. I think they failed miserably in some areas. And if they are to establish a level of trust with us, they need to prove openly -- industry, that is -- that, hey, they want to be good partners and go ahead and keep moving forward. Air pollution and waste discharge standards, as I've said,

need to be taken into consideration very seriously and standards put in place.

The last part of my comments have to deal with, again, the lease exclusion areas. Barrow was able to get a deferral for our bowhead whale, but it's very small. I remember way back when when we had asked for deferral areas, and that was during the days of MMS. I'm glad those days are gone. I'm serious. I'm glad they are gone. We listened -- we talked for 40 years, damn near, and never got anywhere. I'm glad to see the changes that have happened. I'm glad to see a sense of responsiveness here to our concerns. So I'm encouraged. Again, I thank you.

And I think, you know, I have been waiting, I guess, for Shell to acknowledge somewhere, someplace a little bit of -- accept a little bit of responsibility and say they messed up here and there. But so far I haven't heard it. And I know that's outside your realm, but these are operators that you permit. And in a sense, I think it lands on you, too. So I know business is a hard deal. It's hard-nosed and whatnot, but still, in all seriousness, we are the ones up here at risk as this goes to unfold.

I think most of you have known my position, in closing, that I continue to push for standards that will

protect our way of life. And I want you to understand
that when I say that, there are nuances in here that say I
don't oppose outright any more offshore oil and gas
operations, but I demand that these safeguards and a
balance be put in that protect our way of life. So with
that, I thank you and wish you well. Kuyanaqpak.

MR. MICHAEL HALLER: Thank you very much. We have had several people join us, and I'm not sure if there are some who have joined us who would like to make some remarks. Doreen, do you have any? Please come forward.

MS. DOREEN LAMPE: Good afternoon,
Borough of Ocean Energy Management. I'd like to welcome
you all to Barrow. I hope you notice how much ice is out
there. I'd like to thank you for attending our Inupiat
Community of the Arctic Slope monthly meeting. For the
record, my name is Doreen Lampe. I'm the Executive
Director of ICAS. I'd like to thank the United States
Coast Guard for coming and presenting their United States
Arctic strategy with our community. Sudie Hargis, thank
you for coming to our meeting, also.

I do know the United States Coast Guard is preparing for a SONS demonstration on June 18 in Anchorage. And this is a scenario where there will be a significant spill of national significance, a SONS

exercise drill. And it's a scenario based on a spill in
Wainwright. And we have one ICAS board member from
Wainwright.

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And we just had that meeting very recently, so I know there is a lot of complaints about information traveling to the villages from our ICAS meetings, and I hope that something of this importance to the community of Wainwright would be notified regarding this exercise drill. It's just an exercise drill. It will be in the federal building on June 18 8:00 a.m. to 12:00 noon in Anchorage, Alaska. And we had asked some questions regarding the United States Coast Guard on some of your offshore lease sale activities or proposed lease plans, and they weren't very informed about your program. couldn't answer a majority of our questions. But they took notes and they will get back to us. They are very good about that, getting back to us. And I'd like to thank the Coast Guard for that. So this drill of spill of national significance is a scenario where they will have an offshore oil spill in Wainwright and how prepared is the local on-scene commander, the federal on-scene commander, the State on-scene commander. When we attended these meetings telephonically, they used all these acronyms: FOS, LOS, NOS, whatever, whatever. So I hope we get away from using acronyms and, you know,

say what we mean to say. I'd like to make that clear.

It was very encouraging to see the changes you guys have implemented and updated our regional tribal government on a lot of the concerns we voiced over the last 30 years. I know we had to sue MMS because there was just a lot of bad activity going down in Louisiana, and we heard it on national news. And I'm very glad to see that the federal government, you know, can make positive changes when there needs to be change. And I commend President Obama's administration for that.

Regarding the deferral areas, when they first proposed a deferral area, it was kind of a joke deferral area. When we -- when we asked them how long that deferral area was going to stay in place, they said it's only a one-year proposed deferral area for our plan. So I'd like to know if that's a permanent deferral area or is it just a 2012 to 2017 proposed deferral area.

There is a recent study that came out between the oil industry, Statoil, Shell Oil and ConocoPhillips oil industry where they all chipped in to do some baseline studies in the Chukchi Sea area in their offshore oil lease plans, and they had contracted with Fairview Weather [sic] to conduct these studies. And they used a Coast Guard ship last summer to conduct those scientific studies. And they found out that right smack in the

1 middle of all those Chukchi oil lease sales is a very

2 important area that the walrus go out and haul out way out

there and feed and then haul -- haul back to shore.

That's right smack in the middle of all those Chukchi Sea

5 oil lease sales.

I was really disappointed in the OCS program for the last 40 years. We have stated constantly over and over the need for baseline studies, the need to identify important areas for the existence of our natural resources that contribute to our food chain. That would be one area that I would like to see more closely protected.

We passed a resolution at ICAS regarding the use of chemical dispersants. Any type of chemicals that you put into the ocean will settle onto the mud floor, the bottom of the sea bed, and that's where a majority of the small food chain animals that -- that bigger animals -- they hibernate in the mud sediments over the long winters and they come back alive when it's warm enough. And we would just really hate to see all those chemical dispersants be mixed into the habitat where all the clams go, all the bottom-feeding creatures. So we passed a resolution against the use of chemical dispersants in the Arctic Ocean. I know Lakeisha is going to be setting up some standards for the United States Outer Continental Shelf offshore exploration plans. So I hope that you

would seriously take that into consideration.

We have been trying to identify what those dispersants' chemical makeups are, consist of. We have tried through the Freedom of Information Act to obtain those listings. We have no idea how -- how dangerous they are to our marine ecosystem in the Arctic.

And also the Inuvialuit/Inupiat agreement corresponds to meetings that President George Olemaun and I attended, experienced some negative -- negative -- I don't know. They just were not satisfied with the use of jack-up rigs in Canada. They were very unstable and they were recommending that we should consider, you know, maybe not using jack-up rigs in the Arctic. But for me personally I haven't seen it, and I know Admiral Ostebo was interested in finding out ConocoPhillips' jack-up rig plans for 2014, and those got canceled, so we really don't know for sure how bad they are in the Arctic. But if you could check with your Canadian Coast Guard counterpart friends of the Canadian government, I'm sure we could share information and find out just what bad experiences they had with those jack-up rigs.

For the offshore lease sale revenue sharing, you guys are the federal government. We are a federally recognized regional tribal government. We don't get no State revenues. We don't get no legislation where the

southwest of Alaska shares their fish revenues with us. We don't get no revenue where the southeast share their timber revenue with us. We are the only ones discriminated against on revenue sharing. We are the poorest entity on the Arctic Slope. We have to work very hard to try and obtain donations, donation funding to keep our regional tribal government in operations. And we would appreciate if the federal government would work federal government to federally recognized tribal government and cut us in on the revenue sharing government-to-government.

Our president recently went to Washington, D.C. to meet with Secretary of Interior Sally Jewell, and our three organizations for the first time signed a joint letter, the North Slope Borough Mayor, the president of ASRC and the president of ICAS regarding BLM's proposed use of the offshore oil lease sale revenues to take the NPR-A funds and use those to clean up the Legacy wells within BLM. Although I am a strong advocate in support of remediation of those Legacy wells which are in very bad condition and are eroding into our oceans, rivers and lakes, that's not the place to take the money from. Our past president, George Edwardson, stated the U.S. Navy was the one that, you know, made all that contamination, and improperly abandoned those sites, so the U.S. Navy should

take responsibility and clean up those sites with their Navy funds.

Also for -- for the Beaufort Sea side, we would like to work more closely with the Inuvialuit region. We have an Inuvialuit/Inupiat agreement where they manage the beluga whale and [indiscernible], and it's sharing data, sharing information, sharing harvest records and also some of our own ideas here in Alaska. They are very impressed with the Alaska Clean Seas program run by Charles Hopson, and they would like to see that -- that type of training for their community members in the Canadian side because they have a lot of wells in the Canadian side that have been developed and explored but are just sitting there with no means to export those -- export their resource out.

I know we have been trying to create an Arctic Slope hunter/gatherer commission, and this is in a large response to our Inupiat Community of the Arctic Slope membership and their difficulties in their hunting for other -- other animals besides the bowhead whale. I'm glad that AEWC is able to try and negotiate and establish some Conflict Avoidance Agreement with the industry. Without that, I think their quota harvest will be not as successful as it is with that Conflict Avoidance Agreement that's in place.

But we are experiencing a lot of hunter failures or lack of harvesting by hunters because of helicopter traffic scaring the caribou away, just a lot more marine traffic, a lot more air traffic. So it's becoming very difficult to be more successful in harvesting these other mammals. And we would appreciate some sort of support similar to the Inuvialuit gaming councils they have established there. The Canadian government has invested quite a bit in having the Inuvialuit have the ability to continue to harvest their resources in Canada.

And between Fish & Wildlife Service, Alaska

State Fish & Game, all these other -- Nanook Commission,
all these other game warden management people -- we are
not criminals. We should not be sending our memberships
to jail for beheading a walrus. There should be other -other types of punishment, not federal prison. I mean,
that is not -- not the way to go. We need better
co-management agreements with the United States federal
government and the State of Alaska.

The whole Arctic Slope is divided by so many borders: The National Petroleum Reserve, ANWR, Alaska Maritime National Refuge, Gates of the Arctic. So there is just so many designations and so many different management mechanisms. The State is fighting the Bethel fishermen and not even allowing them to traditionally

harvest salmon anymore. We would not like to see commercial fishing open in the Arctic. The poorest state management fishing program is a prime example why we don't want to see commercial fishing in the Arctic. We oppose any plans for opening to commercial fishing. We have no idea where the real critical areas are to sustain these natural resources, the polar bear, the seal, the walrus. We have no idea where their specific locations are to keep those populations up.

Also for your proposed OCS plans, I would hope that you would change your method of accepting comments. Every time I attend one of those meetings, you can only comment on a certain phase. You can only comment on a seismic phase. You can only comment on the leasing phase. You can only comment on the preexploration phase. And then by the time the actual exploration and development come, your comment period is done. So it's very frustrating.

We have been working very hard for the last 40 years. We are the stewards of the Arctic Ocean. We make the comments. We don't want to see no regional citizen's advisory council that lives God knows where. Not in the Arctic. We don't want to see no state commission program that doesn't even have a coastal zone management program. We are the stewards of the Arctic. You work with us. And

thank you for coming.

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MR. MICHAEL HALLER: Thank you, Doreen.

Again, I ask those who joined us just a few moments ago if

you would like to step forward. Thank you very much,

ma'am.

MS. MARIE CARROLL: Thank you very much for giving us an opportunity to come here and make some comments on your activities. My name is Marie Carroll. I am a Barrow resident, born and raised here. And my job right now is with the Arctic Slope Native Association. I'm president and CEO. We provide health care services, operate the hospital, and provide social services programs in our region. And also I'm from a whaling family. I was raised with it. It's a -- something that is ingrained in all of us here. It's near and dear to us. It's our The ocean is such an integral part of us that I think you don't really know the depths of our concerns because we are so tied so it. Like fishermen. You can't live without it.

So I just want to make a few comments on the key principles that you have up here and prerequisites for safe and responsible offshore drilling in the Alaskan Arctic that you have posted here.

We are -- as an organization, are part of a disaster response team. We operate the only hospital --

we have had cases where people were flown into our hospital from a couple of hundred miles out. And so we are the only hospital in this region. And if there is any disasters, I would hope that in developing your emergency response to any development up here that you work closely -- I know there is some coordination that I believe you can improve on coordinating and improve your plans working with a disaster response team. Our hospital staff are part of that. And having -- if there is cases where we need to deal with that, we need to be involved in the planning on how we respond to that. And the North Slope Borough is a big part of it, and we are all part of the team. We all have to work together when disaster So I think you can improve that and work on happens. that.

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The other thing I'd like to comment on is having operators where you have -- I like the No. 2, having clear objectives for the drilling season. And there is speculations about what happened with the drill that was moved, whether it was because it was going to be taxed up here. Those types of things, I guess you should be aware of those as a government agency with the oversight having clear direction from the federal government averting disasters like that, planning ahead. You know, there is such conditions that are expected over the ocean. With

weather systems nowadays, we know a week in advance of what's going to happen. There is weather and marine conditions reported every day up here. We know that.

And there should be some restrictions in the activity that could potentially become a disaster. I think you need to be specific and very clear on movement of the drills and the boats in those cases. You know, look at what we -- what we do is we look at the risk and you plan from there. And I don't know if the Feds have done that because of what happened last year. I'm not confident because of what happened last year that you have done that. So I think it's really important to do that.

And one thing we have always said -- and I have been involved with commenting with all the other people who have been in here. I started commenting in my mid-20s, most of my life.

MR. TOMMY BEAUDREAU: And now that you are in your late 20s, you are still --

MS. MARIE CARROLL: Most of my life I have been before people like you. And I'm glad to hear there is some improvement, and I support the improvements, but I think you could really do better. So having -- I think it's important to have a local presence who can be a liaison with the concerns that come up. As it is, it's either the North Slope Borough mayor's office or ICAS or

other organizations.

It's kind of not coordinated up here. There is no coordination of concern. You know, where do you go? You go to the borough, they -- they have nothing to do with your leases. You should have a presence here. And I think it's really important to do that. And someone who is knowledgeable of the area and who knows the people and -- because it's about time. Like I said, most of my life I have been here. I won't tell you my age, but it's been over 30 years.

So I think it's out of -- No. 5 respect for and coordination with local communities. That is to me a concrete -- you need to have something more concrete than a goal. If you don't do anything about it, then it's kind of meaningless. We will be back here when this thing -- people like you come in and expressing our concern. So I think it's -- it's time to do something locally.

And I'd like to strongly support the comments that were made by Doreen Lampe, who is part of the regional tribal organization as Executive Director. She does bring up the issue about impact funds. So there is no -- as far as I know -- maybe I need to be updated, but no impact funds from OCS development, but we do have one impact fund from NPR-A activities. And that goes to the communities that are impacted by your activities. And

it's the only thing that's concrete to this community that aids us in dealing with the impacts. I know I've heard the small communities and villages up here on the North Slope with concerns about they don't want to become like Barrow because of the impacts we deal with here. And so I think you really need to look at having some kind of impact aid that goes to tribal governments or local agencies who provide services to deal with the impacts that come from activity.

And unfortunately, our statistics are not -- we are not proud of them, with some of our statistics with suicide rates and other -- you know, drug and alcohol abuse and other activities that we had very little when we were growing up before any activity, before Prudhoe Bay was open. We didn't have a whole lot of those statistics on our -- in our communities. I mean, we were happy. We didn't have much, but we were really happy. We were raised with healthy families. And now with the impacts of development, we are -- these statistics are not -- you know, very disheartening, and all of us have been touched by these impacts.

And so I think OCS, with your programs, you need to come up with something to help those small villages.

You know, I've heard parents from the village say, I don't want my kids to come here to Barrow because of what's

going on with the impacts that we have had to face and
deal with in our community. But they are -- I'm not
saying -- you know, overall, I think most of us have
healthy and happy lives, but we do see those impacts in

our communities.

- hope you do make, you know, an effort to be more concrete here, not just a group that comes in and gather information, but come and join, send someone. Get someone here locally that we can go to who has direct contact with you. So -- or hire someone under ICAS. You know, we really need to have more contact with you on a daily basis, not -- not from a distance when your activities are impacting us. You got to be here.
- So that's my main comments. Thank you for being here.
- MR. MICHAEL HALLER: Thanks very much. Do
 we have anybody else to come forward?
- MR. CHARLES HOPSON: I spoke earlier, but
 I forgot to mention one item. Thank you, again. Charlie
 Hopson. I made a statement earlier, but one thing I
 wanted to really express that I forgot -- I had written it
 down here -- is during the past five or six years, the
 United States government and Fish & Wildlife -- what you
 call that, Fish & Game tried to put polar bears, seals,

walrus and the bowhead whale is on the endangered species list.

And if you are going to continue selling offshore stuff, you know, we do need to have satellite capability of looking at the ice if there is ever a spill. We need a satellite to do -- just like everybody else. They do this in Denver. I recommend we finish -- get a satellite station here and a lab up here where they are capable of watching the Arctic Ocean from up here. And if there is a spill or any kind of thing that happens, we can zoom in on where it's happening and see if there is wildlife that you are violating your own government rules of the endangered species on the bowhead, the walrus, the seals and all the polar bears. They are all threatened or endangered. You know, you are violating it.

I recommend we put a satellite station that we can monitor what's happening out there. I had written that down. I forgot to mention it. And I'll be happy to set it up. Thank you.

MR. MICHAEL HALLER: Thank you, Charlie. Coming here to the close of the scheduled time for this first session, and a reminder that we do have another session yet later this afternoon or evening from 5:00 until 7:30 that we have scheduled. But in the interests of time and the fact that you are here before us, are

there any others who would like to offer testimony at this time?

Mr. Secretary, final comments?

MR. TOMMY BEAUDREAU: Thank you very much for all of these comments and suggestions. It's gratifying for me to have and to receive a level of trust from you that you are willing to participate with us, be candid and honest with us, tell us where you think we are doing better and what direction we ought to be able to continue in. It means a lot to me that I feel you respect us enough that you are willing to share honest viewpoints with us. And that, in my mind, really came through today. And I just want you to know how much I appreciate that and how much I respect your willingness to talk with us.

As I said at the outset, it takes courage to come in a room like this with people -- some of you -- some of you I've met before, but not everybody. And to come in and kind of give heartfelt views the way you did is really admirable. And so I really appreciate it.

Please encourage folks you know who, you know, you know have something to say, you know have views that they ought to be telling us, please encourage them to come tonight and share those with us. It means a lot. This is why, you know, you saw I took notes. I have half a note pad of notes. We are taking everything down in a

transcript, as well. We use this information. We go back and we look through and we say, okay, you know, Doreen told us this. What is our answer on this? Is this something we can work with? And we do that exercise. So please stick with us. Please encourage friends and family who you know have additional things to say to come tonight.

And thank you again.

MR. MICHAEL HALLER: Thank you, everyone. We would like to also publicly thank KBRW and KOTZ radio stations and the owners and operators. Thanks so much.

(Text from Kotzebue) (907) 995-2373.

Drilling the Chukchi poses stakes for at least some citizens in the Northwest Arctic Borough that are not any less important than those that some North Slope citizens face. I hope the government does not discount concerns and expressions of sentiment from the residents of Northwest Arctic Borough towns.

(Proceedings adjourned at 1:57 p.m.)

REPORTER'S CERTIFICATE 1 I, MARY A. VAVRIK, RMR, Notary Public in and for 2 the State of Alaska do hereby certify: 3 4 That the foregoing proceedings were taken before 5 me at the time and place herein set forth; that the proceedings were reported stenographically by me and later 6 7 transcribed under my direction by computer transcription; 8 that the foregoing is a true record of the proceedings 9 taken at that time; and that I am not a party to nor have I any interest in the outcome of the action herein 10 11 contained. 12 IN WITNESS WHEREOF, I have hereunto subscribed 13 my hand and affixed my seal this ____ day of 2013. 14 15 16 MARY A. VAVRIK, 17 Registered Merit Reporter Notary Public for Alaska 18 19 My Commission Expires: November 5, 2016 20 21 22 23 24

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